Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) A method of speech recognition, comprising:

determining principal components of received speech over a series of pitch periods; and

comparing the principal components of the received speech to stored principal components to find a set of the stored principal components having a specified degree of similarity to the determined principal components of the received speech.

2. (Original) The method of claim 1, further comprising:

determining the pitch periods of the received speech.

3. (Original) The method of claim 1, further comprising:

sending a signal based on comparing the principal components of the received speech to stored principal components.

4. (Original) The method of claim 3, wherein sending a signal comprises:

accessing a database that stores phonemes; and

sending a phoneme.

5. (Original) The method of claim 4, further comprising:

converting the phoneme to text.

6. (Original) An apparatus comprising:

a memory that stores executable instructions for speech recognition; and

a processor that executes the instructions to:

determine principal components of received speech over a series of pitch periods; and

compare the principal components of the received speech to stored principal components to find a set of the stored principal components having a specified degree of similarity to the determined principal components of the received speech.

7. (Original) The apparatus of claim 6, further comprising executable instructions to:

determine the pitch periods of the received speech.

8. (Original) The apparatus of claim 6, further comprising executable instructions to:

send a signal based on comparing the principal components of the received speech to stored principal components.

9. (Original) The apparatus of claim 8, wherein executable instructions to send a signal comprises executable instructions to:

access a database that stores phonemes; and

send a phoneme.

10. (Currently Amended) The apparatus of claim 9, further comprising executable instructions to convert the phoneme to text.

11. (Currently Amended) An article comprising a tangible machine-readable medium that stores executable instructions for speech recognition, the instructions causing a machine to:

determine principal components of received speech over a series of pitch periods; and

compare the principal components of the received speech to stored principal components to find a set of the stored principal components having a specified degree of similarity to the determined principal components of the received speech.

12. (Original) The article of claim 11, further comprising instructions causing a machine to:

determine the pitch periods of the received speech.

13. (Original) The article of claim 11, further comprising instructions causing a machine to:

send a signal based on comparing the principal components of the received speech to stored principal components.

14. (Original) The article of claim 13, wherein instructions causing a machine to send a signal comprises instructions causing a machine to:

access a database that stores phonemes; and

send a phoneme.

15. (Currently Amended) The article of claim 14, further comprising instructions causing a machine to:

~~converting~~ convert the phoneme to text.